

in class 435, subclass 325, for example.

- Group II. Claim 4, drawn to a pluripotent endodermal stem cell, classified in class 435, subclass 325, for example.
- Group III. Claim 6, drawn to pluripotent ectodermal stem cell, classified in class 435, subclass 325, for example
- Group IV. Claim 7, drawn to an endodermal, ectodermal, or mesodermal lineage-committed cell, classified in class 435, subclass 325, for example.
- Group V. Claims 18-20, drawn to methods of screening agents which are lineage commitment factors, classified in class 435, subclass 4, for example.
- Group VI. Claims 21-23, drawn to methods for screening agents which are proliferation factors, classified in class 435, subclass 4, for example.
- Group VII. Claims 24-32, drawn to methods of cellular transplantation, and pharmaceutical compositions for cellular transplantation, classified in class 424, subclass 93.1, and class 514, subclass 44, for example.

Responsive to the Requirement for restriction, Applicants elect to prosecute the invention of Group VII, with traverse, Claims 24-32, which are drawn to methods of cellular transplantation, and pharmaceutical compositions for cellular transplantation.

Applicants respectfully request reconsideration of the Requirement for Restriction, or in the alternative, modification of the Restriction Requirement to allow prosecution of more than one group of Claims designated by the Examiner in the present Application, for the reasons provided as follows.

Under 35 U.S.C. §121 "two or more independent and distinct inventions ... in one Application may ... be restricted to one of the inventions." Inventions are "'independent'" if "there is no disclosed relationship between the two or more subjects disclosed" (MPEP 802.01). The term "'distinct'" means that "two or more subjects as disclosed are related ... but are capable of separate manufacture, use or sale as claimed, AND ARE PATENTABLE OVER EACH OTHER" (MPEP 802.01) (emphasis in original). However, even with patentably distinct

inventions, restriction is not required unless one of the following reasons appear (MPEP 808.02):

1. Separate classification
2. Separate status in the art; or
3. Different field of search.

Further, under Patent Office Examining Procedures, "[i]f the Search and Examination of an entire Application can be made without serious burden, the Examiner must examine it on the merits, even though it includes claims to distinct or independent inventions" (MPEP 803, Rev. 8, May 1988) (emphasis added).

Applicants respectfully submit that the groups designated by the Examiner fail to define compositions and methods, with properties so distinct as to warrant separate Examination and Search. Claims 1-3, 5, 8-17 of Group I are drawn to pluripotent embryonic-like stem cells that are fundamentally related to Claims 24-32 of Group VII, drawn to methods of cellular transplantation using such pluripotent embryonic-like stem cells and pharmaceutical compositions comprising such cells. The search for any of the methods separately classified by the Examiner as the invention of Group VII would require an additional search of the identical classes wherein the methods of Group I are classified, thus resulting in a duplicate search for the same material. Thus, Applicants submit that the Search and Examination of the entire Application, or, at least, of Group I with Group VII can be made without serious burden, and therefore the Examiner must examine all of the claims of the Application on the merits.

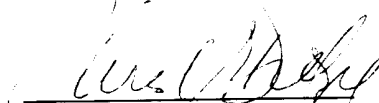
The Examiner's assertions to the contrary notwithstanding, Applicants respectfully submit that conjoint examination and inclusion of all of the Claims of the present Application would not present an undue burden on the Examiner, and accordingly, withdrawal of the Requirement for Restriction, or, at the least, modification to include the Claims drawn to Group I and Group VII is in order.

No additional fees are believed to be necessitated by the foregoing Response. However, should this be erroneous, authorization is hereby given to charge Deposit Account No. 11-1153 for any underpayment, or credit any overages.

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In view of the above, withdrawal of the Requirement for the Restriction is requested, and an early action on the merits of the Claims is courteously solicited.

Respectfully submitted,



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